

NEW! AN30888A/B Series

Standard LED Drivers

Suitable For Driving High Bright LED's In LED Lighting Applications

Panasonic, a worldwide leader in Semiconductor Products, introduces the **NEW AN30888A/B Series LED Drivers** which are suitable for driving high bright LED's in LED Lighting applications. These **NEW AN30888A/B LED Drivers** are Boost/Buck-Boost/Buck DCDC controllers that drive an external power NMOS switch. The design flexibility of the Boost/Buck-Boost/Buck output system is achieved by changing the external circuit. The **AN30888A/B Series'** wide operating power supply range allows configuration of the power supply and the number of LED's to drive required by the specific application. They allow various DCDC configurations and provide great design-in flexibility. Achieve high flexibility in light adjustment by using the following modes as multiple luminance setting methods: Reference voltage control and PWM duty control.

Features:

- Battery Operation: 3V to 15V (AN30888B) / 3V to 20V (AN30888A)
- Output Current Range: 0A to a Few Amperes Depending on Rating for External NMOS and Mode of Operation
- LED Dimming Function Available by Using PWM Signal
- Configurable as Either Boost/Buck-Boost/Buck Mode Converter
- Built-In Various Protection Circuit: Under Voltage Lock Out/Over Voltage Protection/Soft Start Function
- RoHS Directive Compliant

Benefits:

- Customer Design Flexibility (Multi operation Mode <Boost/Buck/Buck-Boost Output System)
- Precise Brightness Control (PWM Smooth-Dimming/Reference Voltage Step-Dimming)
- Wider Package Variation (QFN Package / SO Package)
- Supporting Safety Design (Built-in Various Protection Circuit)

Industries:

- All Industries Utilizing LED Lighting Applications

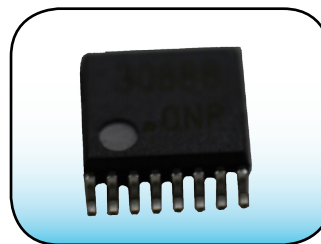
Applications:

- LED Lighting Modules
- LED Lantern Applications
- White LED Backlighting for LCD Panel
- White LED Flight Light Driving Applications
- General LED Back Lighting

Part Number Information:

1	2	3	4	5	6	7	8	9	10
A	N	3	0	8	8	8	A	V	F
Product Code		Analog Part Code				Packing Code			
Code	Type	Code	Type	Code		Type		Code	Type
AN⇒	Standard	30000⇒	LED Driver	A⇒		Standard		VF⇒	Moisture Prevention Embossed Tape
Package Specification		Code		Type					
A⇒		Standard		B⇒		Revised 1 st			

Additional Information:



For detailed specification information on the AN30888A/B Series LED Drivers, visit:

- panasonic.com/industrial/includes/zip/AN30888A-B_DataSheet.zip
- panasonic.com/industrial/semiconductors

